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09/471349

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US 20030059921A1

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2003/0059921 A1****Sahni et al.** (43) **Pub. Date: Mar. 27, 2003**

(54) **NOVEL CLOT-SPECIFIC STEPTOKINASE PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID PROTEINS**

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(21) **Appl. No.: 09/940,235**

(22) **Filed: Aug. 27, 2001**

Related U.S. Application Data

(63) Continuation of application No. 09/471,349, filed on Dec. 23, 1999, now abandoned.

(30) Foreign Application Priority Data

Dec. 24, 1998 (IN)..... 3825/DEL/98

Publication Classification

(51) **Int. Cl.⁷** **C12N 9/64; C07H 21/04; C12P 21/02; C12N 1/21; C12N 5/06**
(52) **U.S. Cl.** **435/226; 435/69.1; 435/325; 435/320.1; 536/23.2; 435/252.3**

(57) ABSTRACT

Clot-specific streptokinase proteins possessing altered plasminogen characteristics, including enhanced fibrin selectivity. The kinetics of plasminogen activation by these proteins are distinct from those of natural streptokinase, in that there is a temporary delay or lag in the initial rate of catalytic conversion of plasminogen to plasmin. Also disclosed are processes for preparing the proteins.